

## North Grampian

Including North and West Cairngorms National Park, Monadhliath, Ben Alder, Creag Meagaidh, Loch Ericht and Loch Rannoch

Forecast valid from 00:00 on Sunday 29 Jan 2023 until 23:59 on Monday 30 Jan 2023

Forecast Issued on Saturday 28 Jan 2023 at 12:51 by Met Office Aberdeen

**Confidence:** High confidence until Tuesday when there is less certainty on the track and timing of a low pressure system.

**Headline for Sunday 29 Jan 2023:** Cloudy and windy with outbreaks of rain, drier for a time with snow showers later.

### Mountain weather hazards on Sunday 29 Jan 2023

**Blizzards**

Low Likelihood

**Gales**

High Likelihood

**Thunderstorms**

No Likelihood

**Heavy persistent snow**

No Likelihood

**Severe chill effect**

High Likelihood

**Heavy persistent rain**

No Likelihood

**Storm force winds**

Low Likelihood

**Poor visibility**

High Likelihood

**Strong sunlight**

No Likelihood

### Weather and chance of precipitation at 800m

| Time                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 00:00                                                                               | 03:00                                                                               | 06:00                                                                               | 09:00                                                                               | 12:00                                                                               | 15:00                                                                                 | 18:00                                                                                 | 21:00                                                                                 |
|  |  |  |  |  |  |  |  |
| Cloudy                                                                              | Fog                                                                                 | Fog                                                                                 | Light rain                                                                          | Heavy Rain                                                                          | Sunny intervals                                                                       | Heavy snow showers (night)                                                            | Heavy snow showers (night)                                                            |
| Precipitation probability                                                           |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| 10%                                                                                 | 30%                                                                                 | 30%                                                                                 | 60%                                                                                 | 60%                                                                                 | 30%                                                                                   | 60%                                                                                   | 60%                                                                                   |

### Forecast for Sunday 29 Jan 2023

**Weather:** Turning increasingly cloudy through the early hours, leading to hill fog. Patchy light rain pushing in from the northwest by dawn, turning heavier by midday. The rain clears to the southeast by around mid-afternoon allowing some bright and sunny spells for a time. Scattered blustery showers, falling as snow above around 600m, into the evening. Strong winds throughout.

**Chance of cloud-free hill tops above 800m:** Very low until around mid-afternoon, becoming good for a time but chances decreasing significantly in showers into the evening.

**Low cloud and visibility:** Increasing low cloud through the early hours, persisting until mid-afternoon when it lifts and breaks, then scattered low cloud in association with showers. Poor visibility but good outside of showers during the afternoon/evening.

## Forecast for Sunday 29 Jan 2023

| Height (m) | Wind Speed mean/gusts (mph) |          |          |          |          | Wind Direction (blowing from) |         |         |         |
|------------|-----------------------------|----------|----------|----------|----------|-------------------------------|---------|---------|---------|
|            | 00:00                       | 03:00    | 06:00    | 09:00    | 12:00    | 15:00                         | 18:00   | 21:00   | 00:00   |
| 1300       | 37/49 W                     | 39/51 SW | 44/59 SW | 53/72 W  | 49/67 SW | 41/58 W                       | 42/58 W | 42/60 W | 45/65 W |
| 900        | 31/40 SW                    | 35/44 SW | 40/50 SW | 47/61 SW | 42/56 SW | 35/50 W                       | 33/47 W | 35/50 W | 38/55 W |
| 600        | 20/29 SW                    | 22/32 SW | 24/36 SW | 33/48 SW | 30/44 SW | 25/39 W                       | 24/37 W | 25/39 W | 27/44 W |
| 300        | 11/27 SW                    | 13/30 SW | 14/32 SW | 19/41 SW | 18/39 SW | 19/41 W                       | 14/32 W | 16/35 W | 18/39 W |
| Glen       | 6/24 SW                     | 6/24 SW  | 8/31 SW  | 8/35 SW  | 7/32 SW  | 8/35 W                        | 6/29 W  | 7/31 W  | 7/33 W  |

| Height (m)      | Temperature / Feels Like (°C) |        |        |        |       |        |        |        |        |
|-----------------|-------------------------------|--------|--------|--------|-------|--------|--------|--------|--------|
|                 | 00:00                         | 03:00  | 06:00  | 09:00  | 12:00 | 15:00  | 18:00  | 21:00  | 00:00  |
| 1300            | -4/-14                        | -3/-13 | -2/-11 | -1/-11 | 0/-9  | -1/-10 | -5/-16 | -6/-17 | -6/-17 |
| 900             | -1/-10                        | -0/-9  | 1/-7   | 2/-6   | 3/-4  | 2/-6   | -2/-10 | -2/-12 | -3/-12 |
| 600             | 1/-5                          | 2/-4   | 3/-3   | 4/-2   | 5/-1  | 4/-2   | 1/-6   | -0/-8  | -0/-8  |
| 300             | 3/-1                          | 4/-0   | 5/1    | 6/1    | 7/3   | 6/2    | 3/-2   | 2/-3   | 2/-4   |
| Glen            | 4/0                           | 4/1    | 6/1    | 7/3    | 9/6   | 8/4    | 4/-0   | 3/-2   | 3/-2   |
| Freezing Level* | 700m                          | 900m   | 1800m  | 1500m  | 1600m | 1000m  | 500m   | 500m   | 500m   |

\*Level above which ground is expected to be frozen/snow is expected to settle.

## Met Office Aberdeen Meteorologist's View

Strong winds leading to difficult walking conditions, also giving a very cold feel.

## Forecast for Monday 30 Jan 2023

**Weather:** Showers, of snow above 600m, and strong winds easing early Monday morning to leave fine conditions for the majority of the day. Low cloud and outbreaks of rain, sleet at first, arriving from the west into the evening.

**Maximum wind:** Westerly 30-40 mph gusting 50-60 mph at first, reducing to 10-15 mph gusting 20-25 mph by midday. Increasing again into the evening to southwesterly 20 gust 35-40 mph.

**Chance of cloud-free hill tops above 800m:** 40% at first, increasing to 80%, decreasing to 10% into the evening.

**Low cloud and visibility:** Scattered low cloud at first, then good breaks through the middle part of the day, becoming extensive through the evening. Visibility good outside of precipitation.

**Temperature:** Glens: Plus 2 rising to plus 6 Celsius.

**At 800m:** Minus 2 rising to plus 2 Celsius.

**Freezing level:** 600m rising to 800m into the afternoon, increasing to 1400m on the rain band.